correction parameter setting means for setting correction

5 parameters necessary to correct a brightness of at least one

image of said plurality of images having a different exposure;

brightness correcting means for correcting the brightness of

said one image in accordance with said set correction parameters;

image display means for displaying said one image corrected

10 by said brightness correcting means and the other images of said

plurality of images; and

image synthesizing means for converting said one image and

the other images of said plurality of images to be placed in a

displaying range of said image display means based on said set

15 correction parameters so that the images displayed by the image

display means are displayed with almost the same brightness,

thereby joining said plurality of images.

3. (Amended) The image processing apparatus according to

claim 2, wherein said brightness correcting means corrects the

image by changing the correction parameters in accordance with

differences in brightness between a plurality of images displayed

5 by said image display means.

10. (Amended) The image processing apparatus according to

claim 3, wherein said brightness correcting means corrects the

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image by changing an exposure ratio between a plurality of
images, which is used as said correction parameters, in
accordance with differences in brightness between said plurality
of images displayed by said image display means.

14. (Amended) An image processing method comprising:

an image input step of inputting a plurality of images
obtained by taking one composition at different exposures;

a correction parameter setting step of setting

5   correction parameters for correcting the brightness of at least
one of said plurality of images taken with different exposures;

an image correcting step of correcting the brightness of
said at least one image in accordance with the set correction
parameters;

10   an image displaying step of displaying at least one of the
images corrected in the image correcting step; and

an image synthesizing step of combining said
plurality of images corrected in brightness in the image
correcting step, into one image to be displayed within a range of

15   the image display step, by inferring an amount of incident light
obtained when said composition is input in the image input step,
from said plurality of images which have been input and said
correction parameters which has been set.

20. (Amended) The image processing method according to claim 14, wherein said image correcting step corrects the image by changing an exposure ratio between a plurality of images, which is used as said correction parameters, in accordance with

5 differences in brightness between said plurality of images displayed in said image displaying step.

22. (Amended) A recording medium recording computer programs for correcting a plurality of images obtained by taking one composition with different exposures, to provide an image having a desired brightness, said recording medium comprising:

5 an image inputting program for inputting one composition in the form of a plurality of images photographed at different exposures;

a correction parameter setting program for setting correction parameters for correcting the brightness of at least

10 one of said plurality of photographed images taken at different exposures;

an image correcting program for correcting the brightness of said at least one image in accordance with the set correction parameters;

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15   an image displaying program for displaying at least one of

the images corrected in accordance with the image correcting

program; and

an image synthesizing program for combining said plurality

of images corrected in brightness in accordance with said image

20   correcting program, into one image to be displayed within a range

,in accordance with said imaging display program, by inferring an

amount of incident light obtained when said composition is input

in accordance with said image inputting program, from said

plurality of images which have been input and said correction

25   parameters which have been set.

23. (Amended) The recording medium according to claim 22,

wherein said image correcting program is designed to correct the

image by changing an exposure ratio between a plurality of

images, which is used as said correction parameters, in

5   accordance with differences in brightness between said plurality

of images displayed by using said image displaying program.